

Fast Ferry Application to Expeditionary Warfare



24-Hour Distance Record

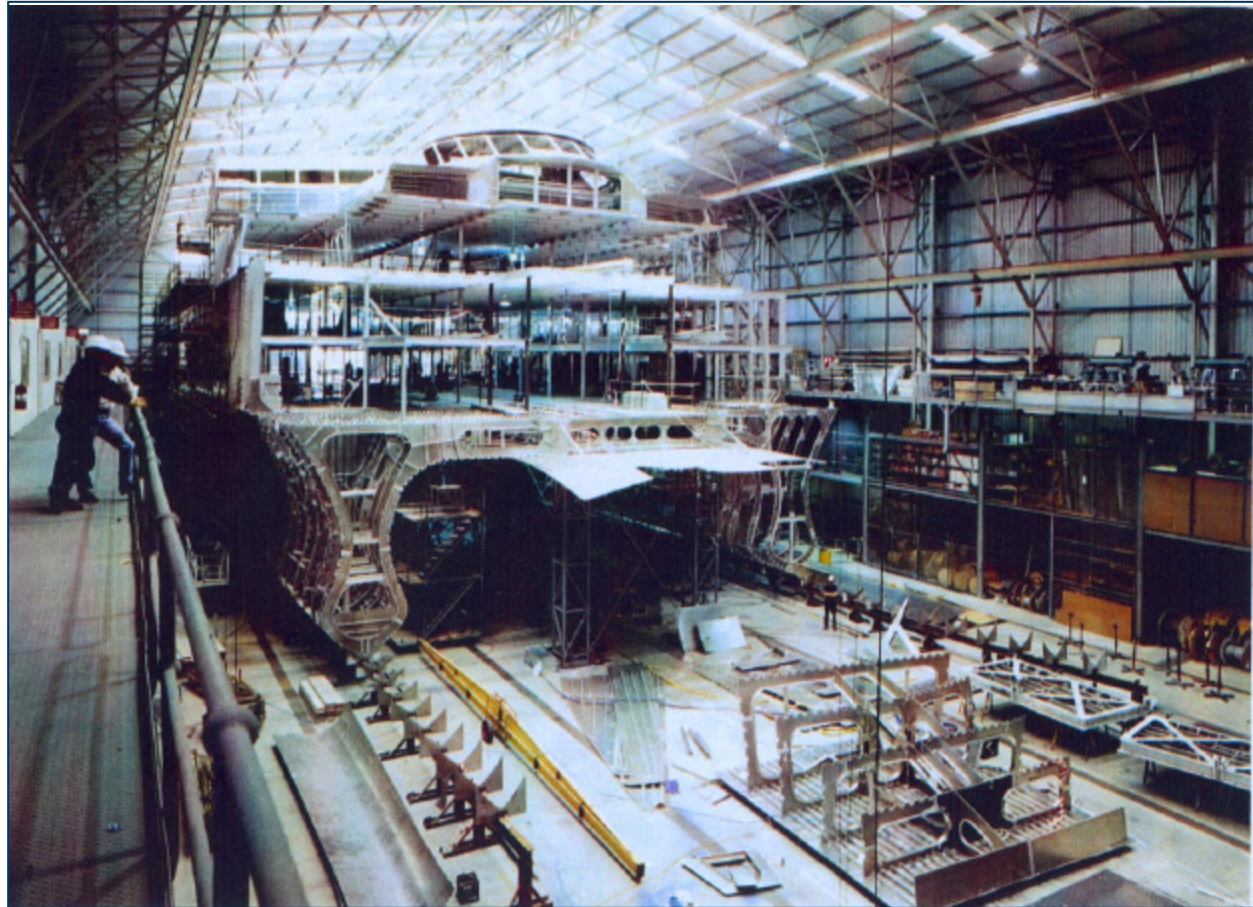


1063nm in 24 hours at average speed of 44.3kts
World record for a commercial passenger ferry

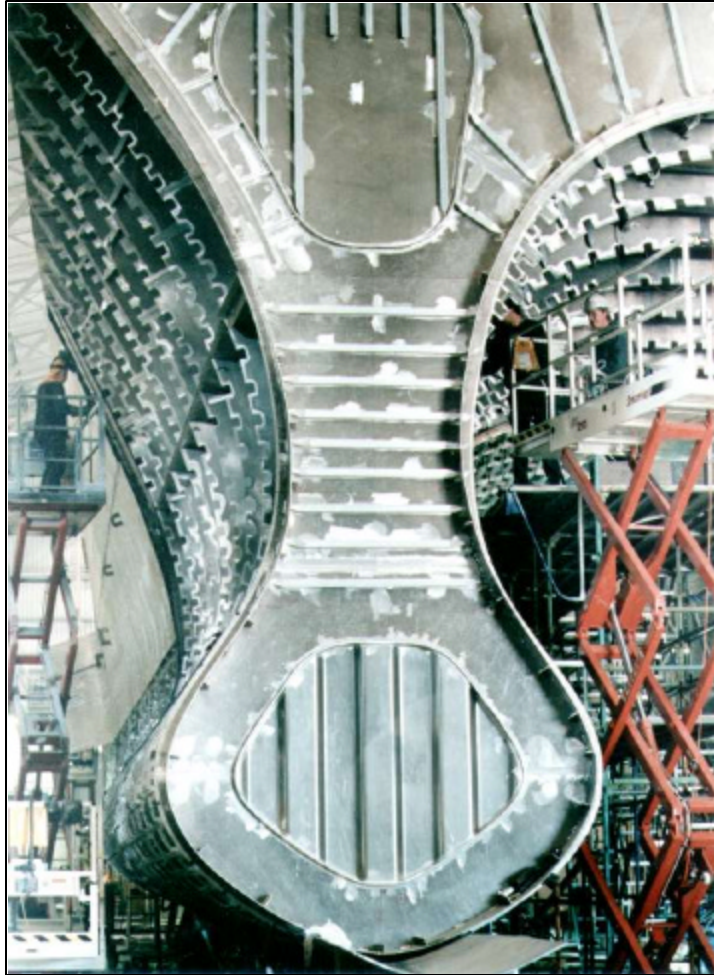
Capability / Capacity

- ❖ 101 meter length
- ❖ 14 feet draft
- ❖ 970 troops
- ❖ 152 HMMWV or 20 LAV
- ❖ 800 Deadweight tonnes
- ❖ 35 tonne ramp
- ❖ 1100 nm with 420 tons cargo in sea state 3 at 35 kts

86m Vehicle Ferry in Construction

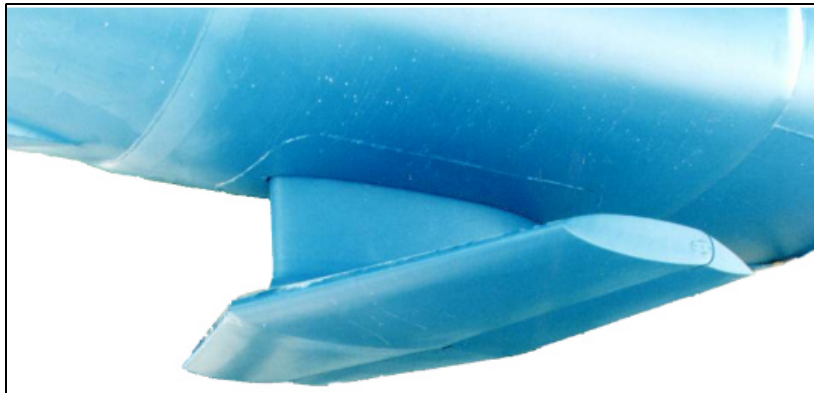


Austal Semi-Swath Hull Form

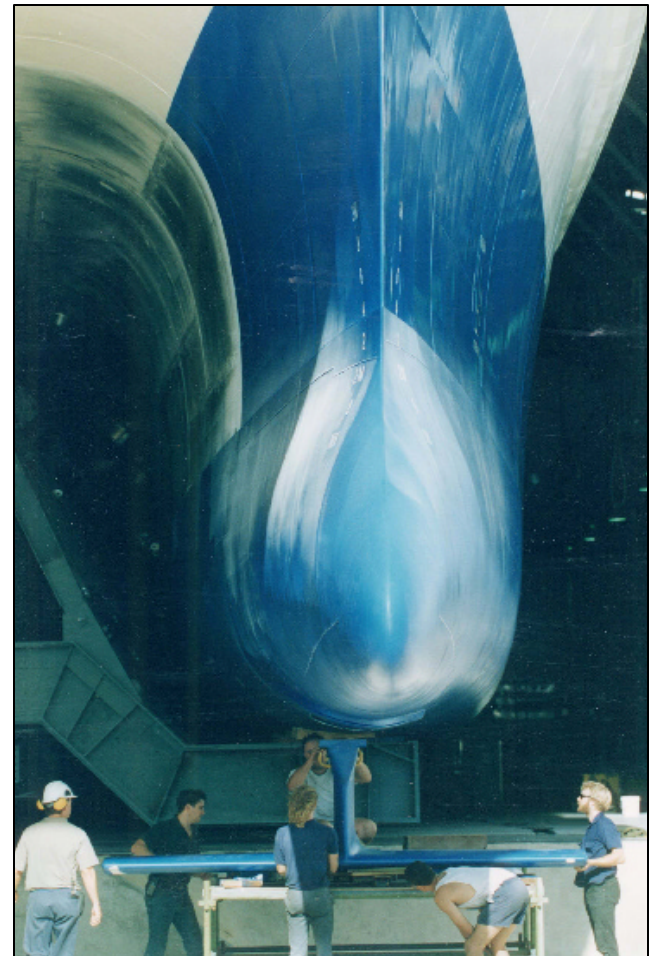
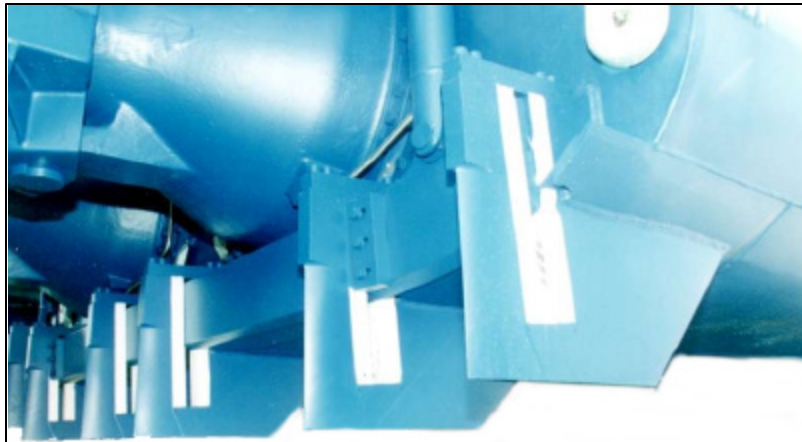


Ride Control System

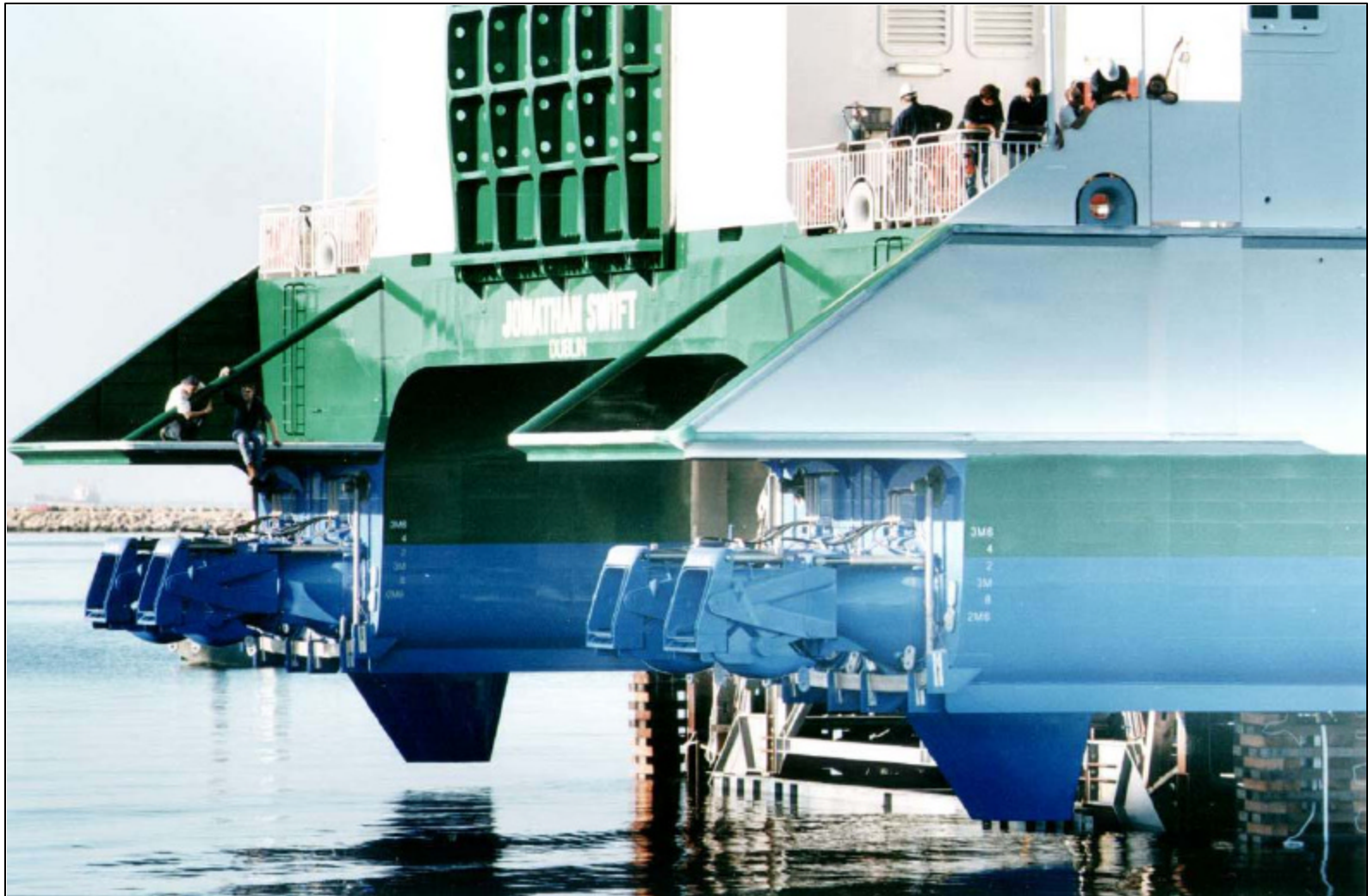
Inverted T-foils fwd



Variable interceptors aft



Typical Waterjet Installation



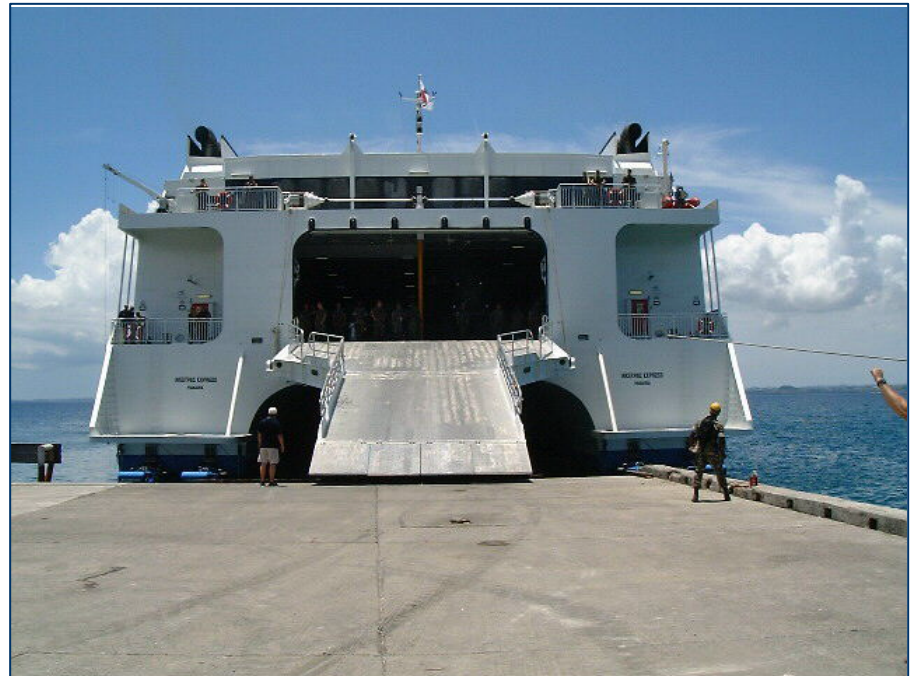
Load Testing with the RAA



Aft Articulated Ramp



Drive Through Capability



HMMWV Loading



Loading Cobra Helicopters



Amphibious Tractors



What's the Benefit

- **TIME** . . . 1 day vs. 5
- **UNIT INTEGRITY**
- **COST** . . . approx. 1/3 airlift



Troop Arrangements



Cabin



Galley



Loading Cargo



Loading Medium Helicopters



Experience

- ❖ 4,400 Troops
- ❖ 2,000 tons Equipment
- ❖ 6,700 miles
- ❖ Last 4 months

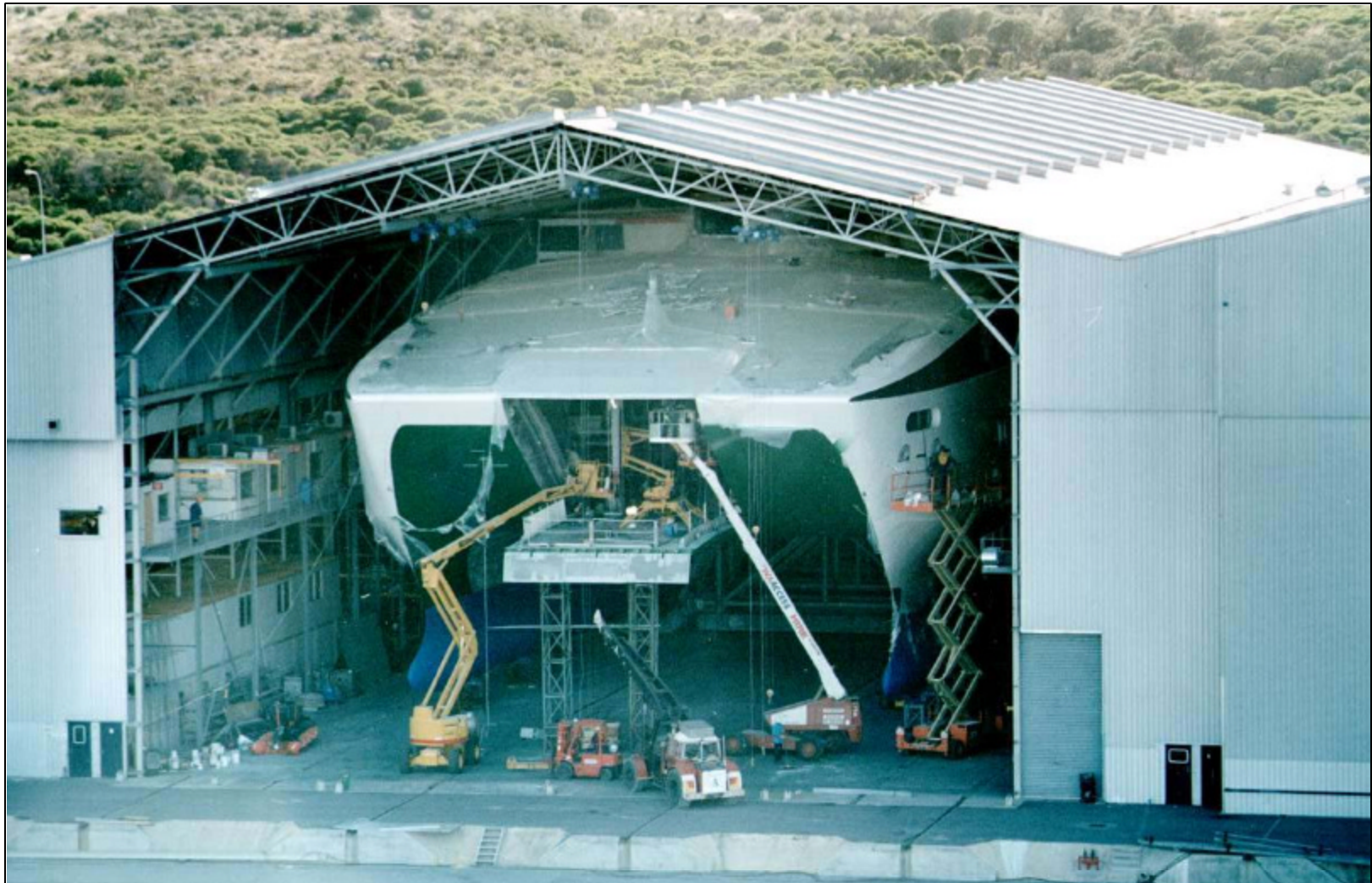


1 Battalion, 1 Lift



III MEF CG: "In our opinion, we found a way to deploy for training that is faster, better and cheaper. It makes strategic sense. It makes operational sense. It makes economic sense . . . This is a transformation success story."

Austal Ships: Total Capability



Austal USA

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